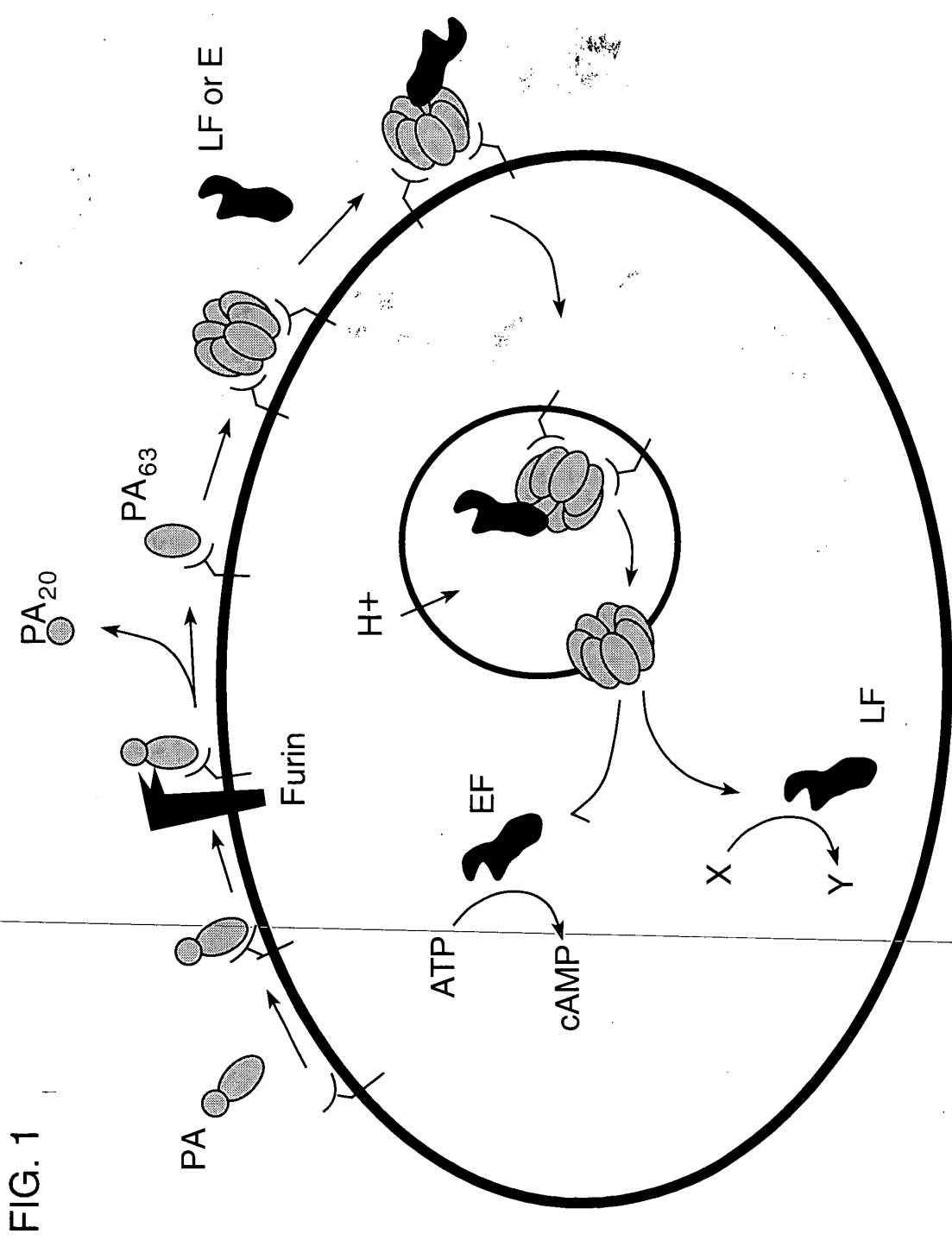


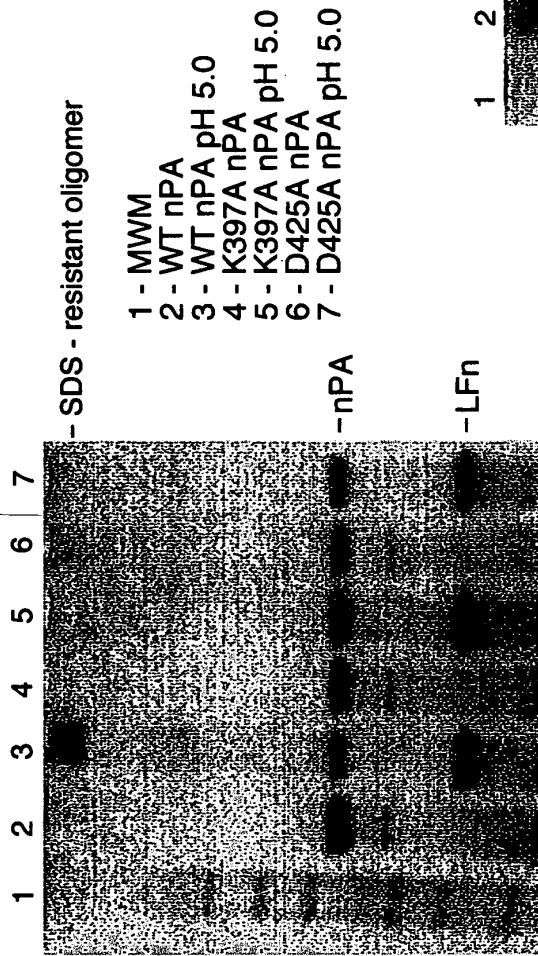
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FIG. 1

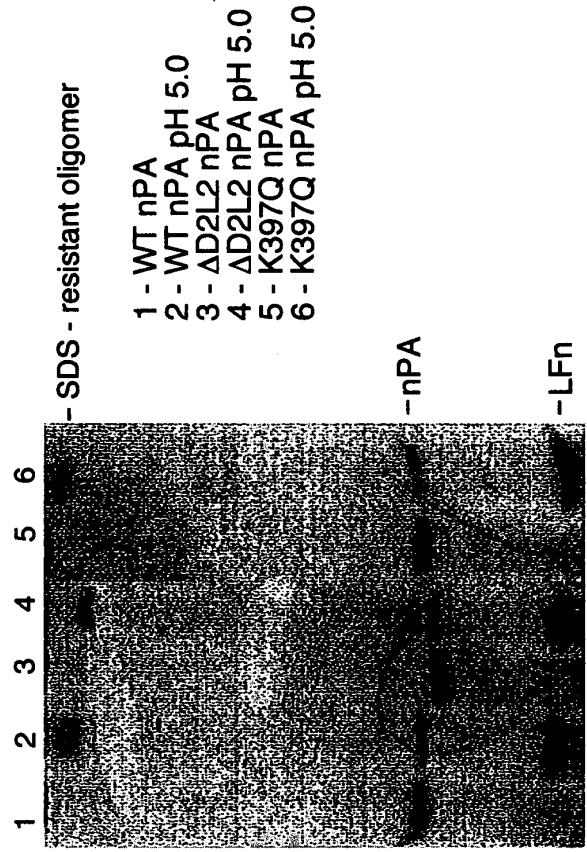


FO600T-60681860

FIG. 2A



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106007-60601360

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FIG. 2B

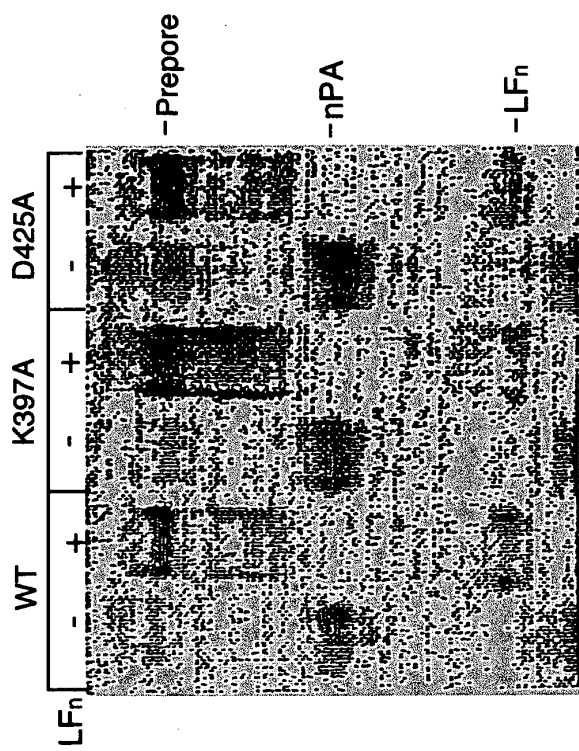


Figure 1 is a line graph showing the percentage of total sample for each age group across different years. The y-axis represents the percentage of total sample, ranging from 0 to 100. The x-axis represents the years, with labels for 1980, 1990, 2000, 2010, and 2020. The legend indicates the following age groups: 0-14 (dark grey), 15-24 (medium grey), 25-34 (light grey), 35-44 (white), 45-54 (light grey), 55-64 (medium grey), 65-74 (dark grey), and 75+ (white). The graph shows a general trend of decreasing percentages for younger age groups and increasing percentages for older age groups over time.

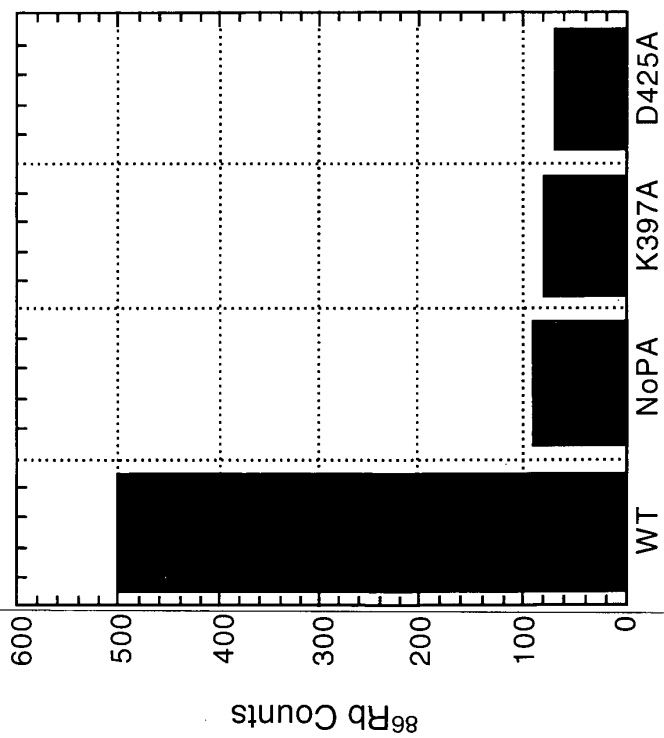
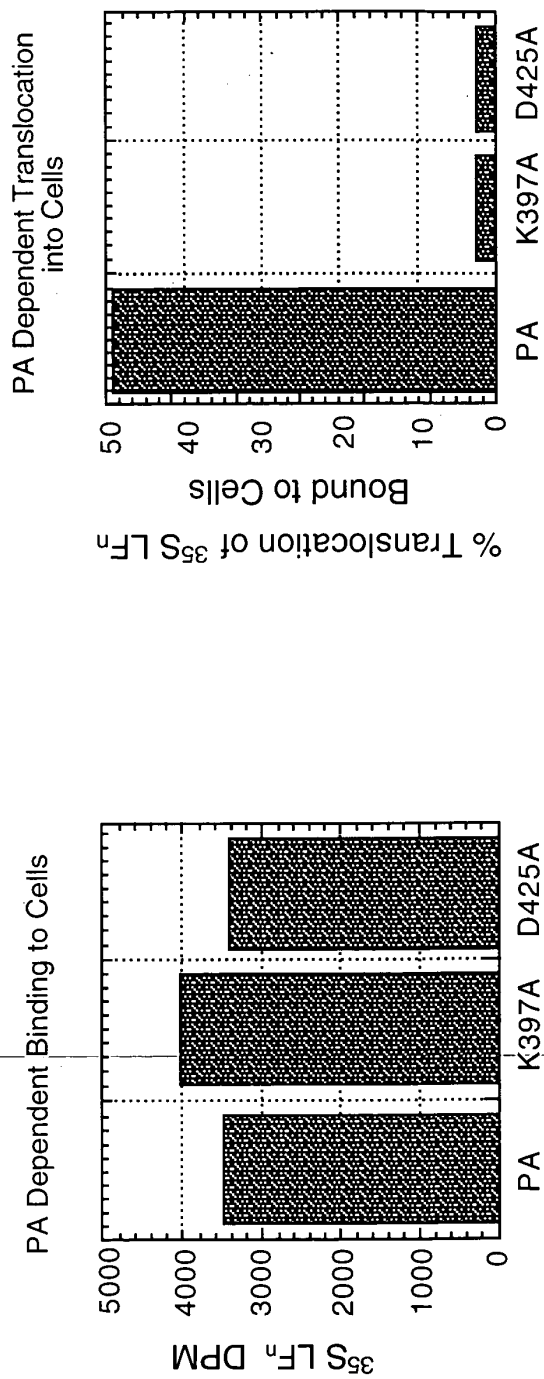


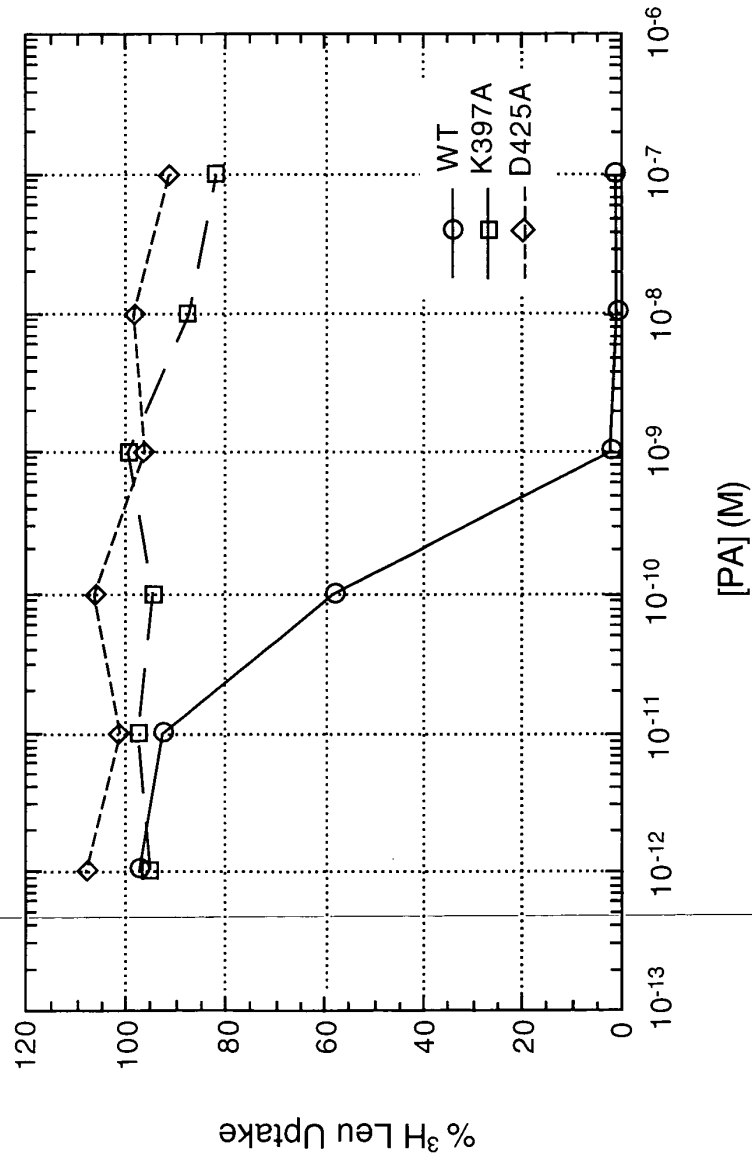
FIG. 3

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FIG. 4

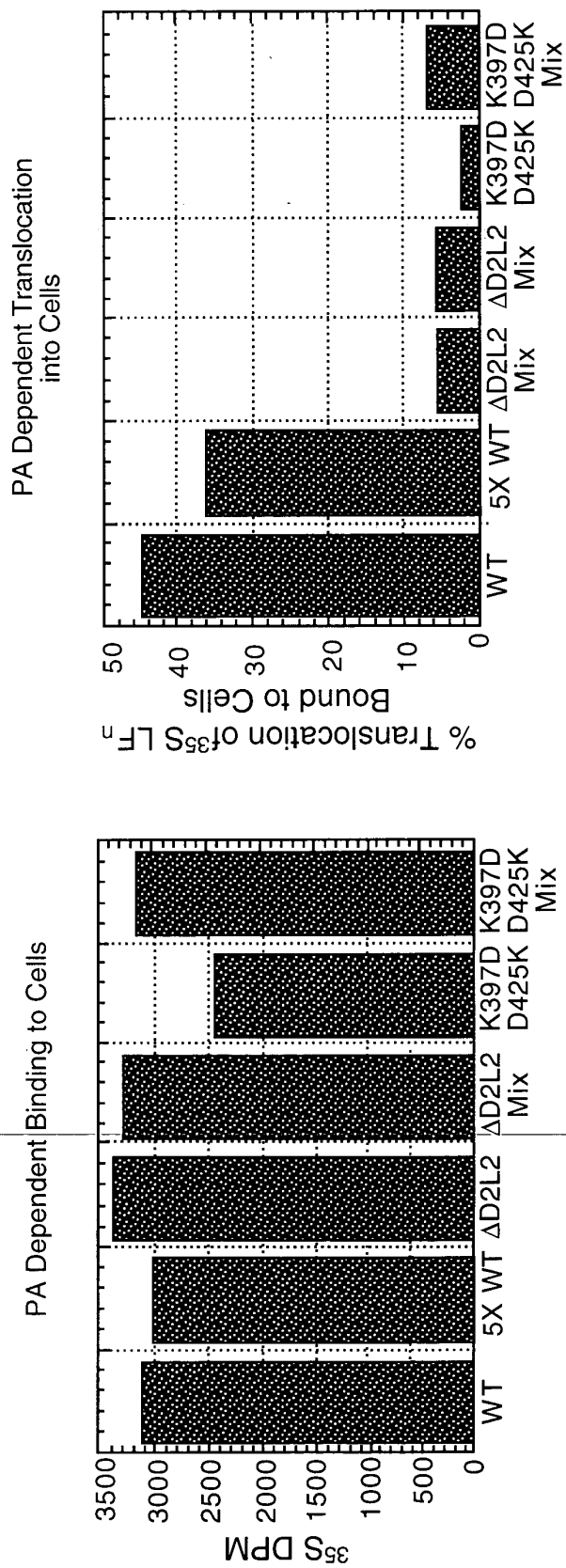


1



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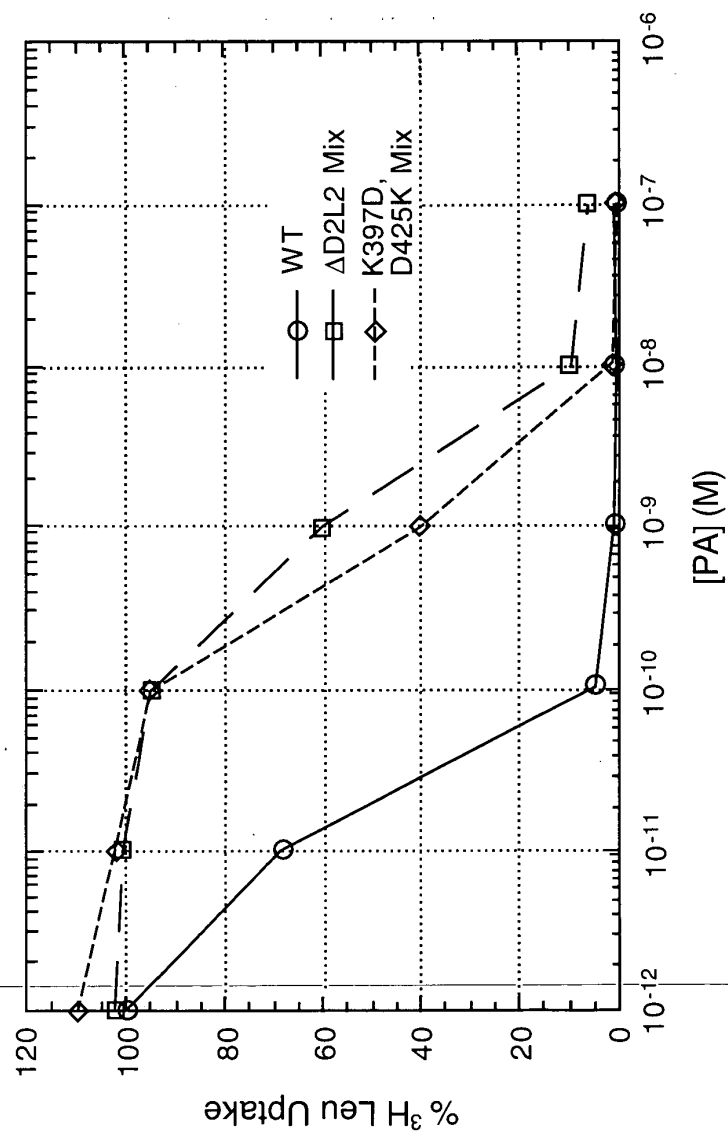
FIG. 6



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105007-60631860

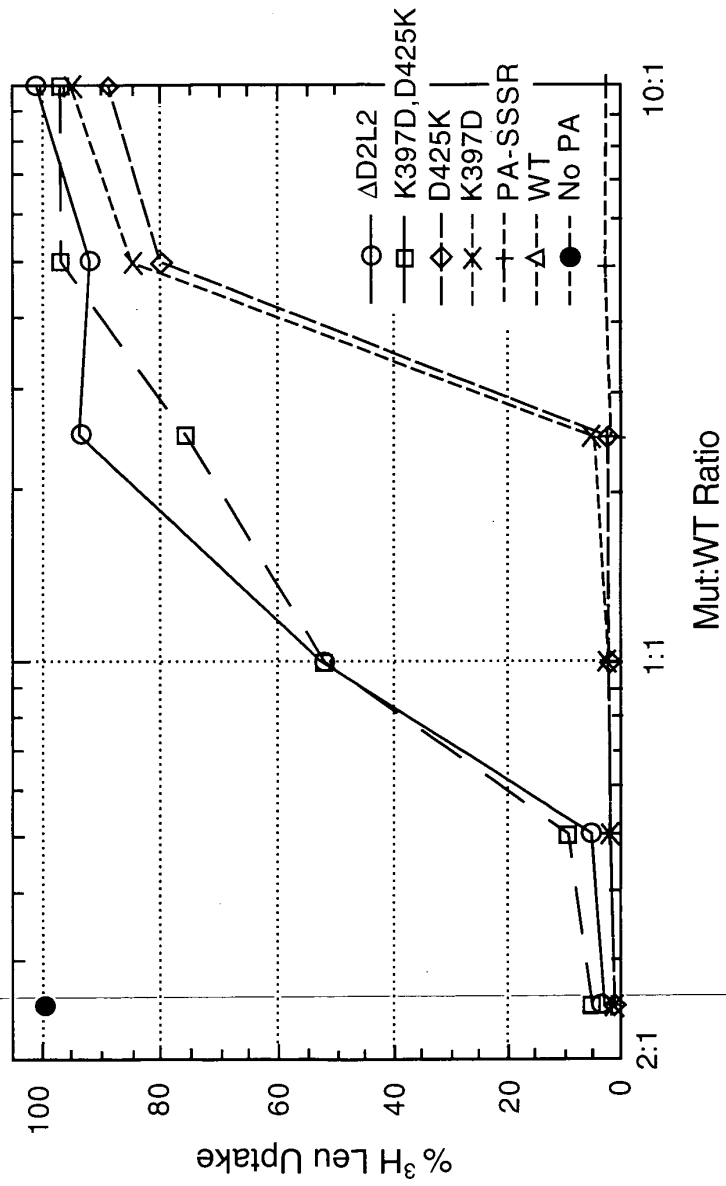
FIG. 7



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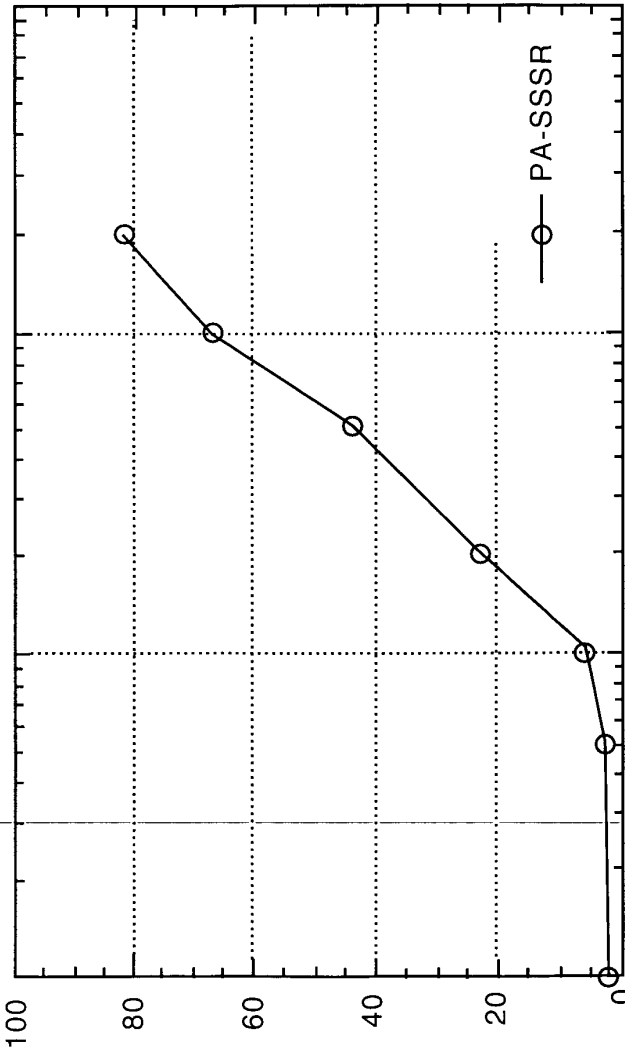
FOOOOT-60684860

FIG. 8A



(continued)

FIG. 8B



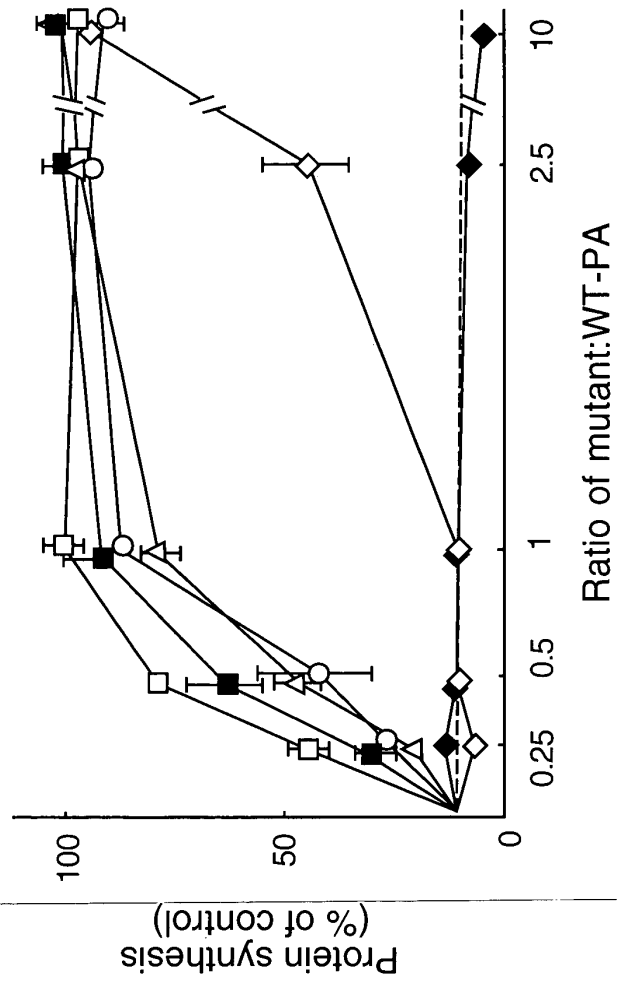


FIG. 9

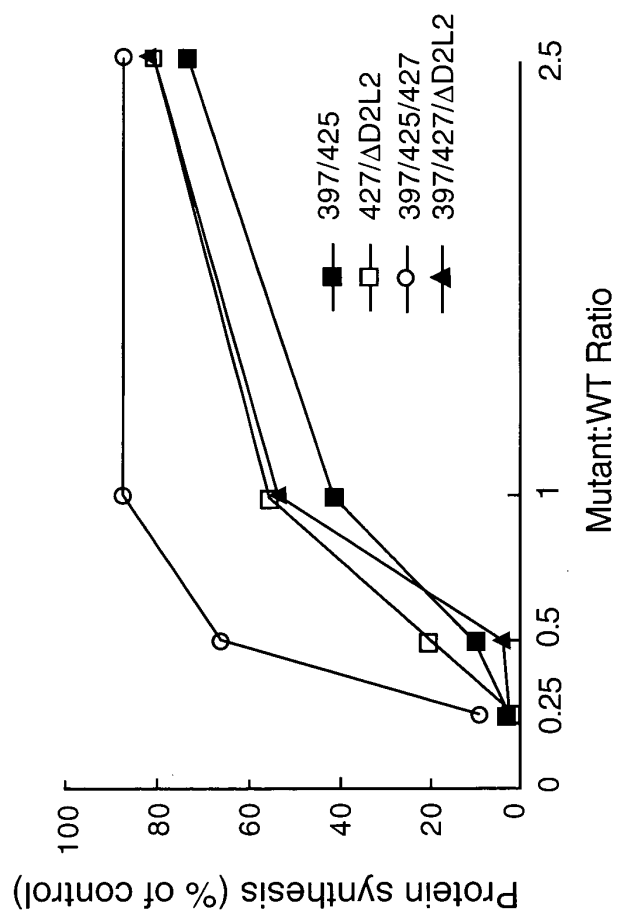


FIG. 10

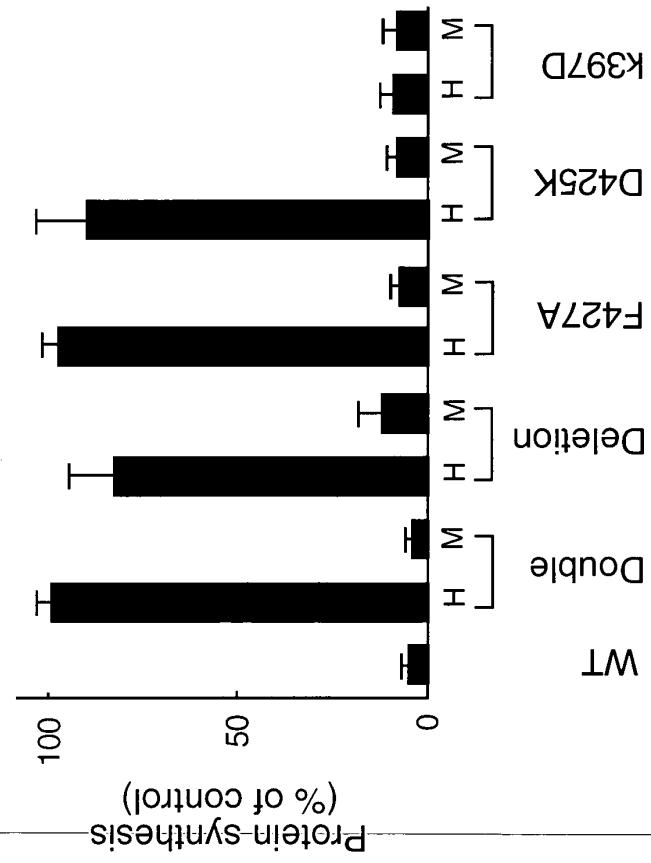


FIG. 11

T0600T-60606060

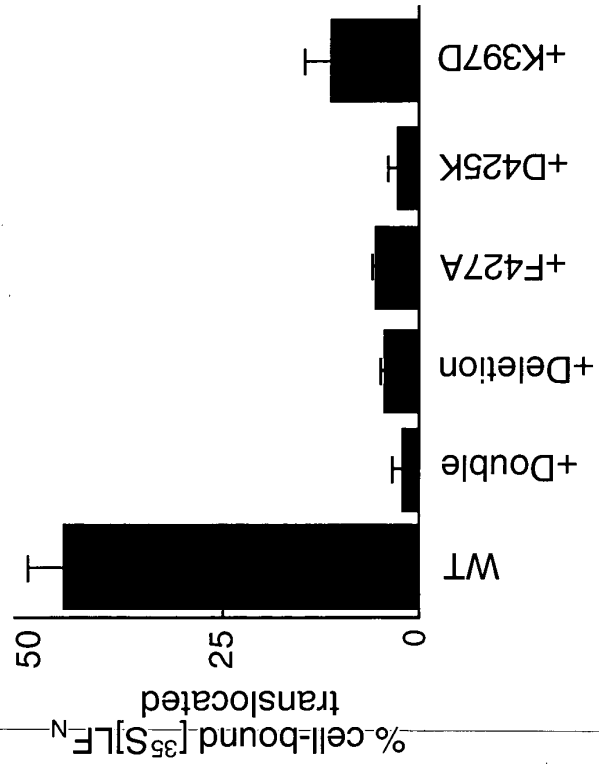


FIG. 12

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FIG. 13

Figure 13: SEQ ID No.: 21

EVKQENRLLNESESSQGLLGYFSDLNFQAPMVVTSSTTGDLSIPSSSELENIPSEN
QYFQSAIWSGFIKVKKSDEYTFA
TSADNHVMTMWVDDQEVINKASNSNKIRLEKGRLYQIKIQYQRENPTTEKGLDFKL
YWTDSQNKKEVISSDNLQLPELKQKS
SNSRKKRSTSAIPTVDRDNDGIPDSLEVEGYTVDVKNKRTFLSPWISNIHEKKG
LTKYKSSPEKWSASTADPYSDFEKVT
GRIDKNVSPEARHPLVAAYPVHVDMENILSKNEDQSTQNTDSETRTISKNTSTS
RTHTSEVHGNAEVHASFFDIGGSV
SAGFSNSNSTVAIDHSLSLAGERTWAETMGLNTADTARLNANIRYVNTGTAPY
NVLPPTTSLVLGKNQTLATIKAKENQ
LSQLAPNNYYPSKNLAPIALNAQDDFSSTPITMNYNQFLELEKTKQLRLDQV
YGNIAITYNFENGRLVRVDTGSNWSEV
LPQIETTARIIFNGKDLNLVERRIAAVNPSDPLETTKPDMTLKEALKIAFGFNEPN
GNLQYQGGDITEFDNFDDQTSQ
NIKNQLAELNATNIYTVLDKIKLNAKMNILIRDKRFHYDRNNIAVGADESVVKEA
HREVINSSTEGLLNIDKIRKILS
GYTVEIEDTEGLKEVINDRYDMLNISSLRQDGKTFIDFKKYNDKLPYISNPNYKV
NVYAVTKENTIINPSENGDTSTNG
IKKILFSKKGYEIGZ

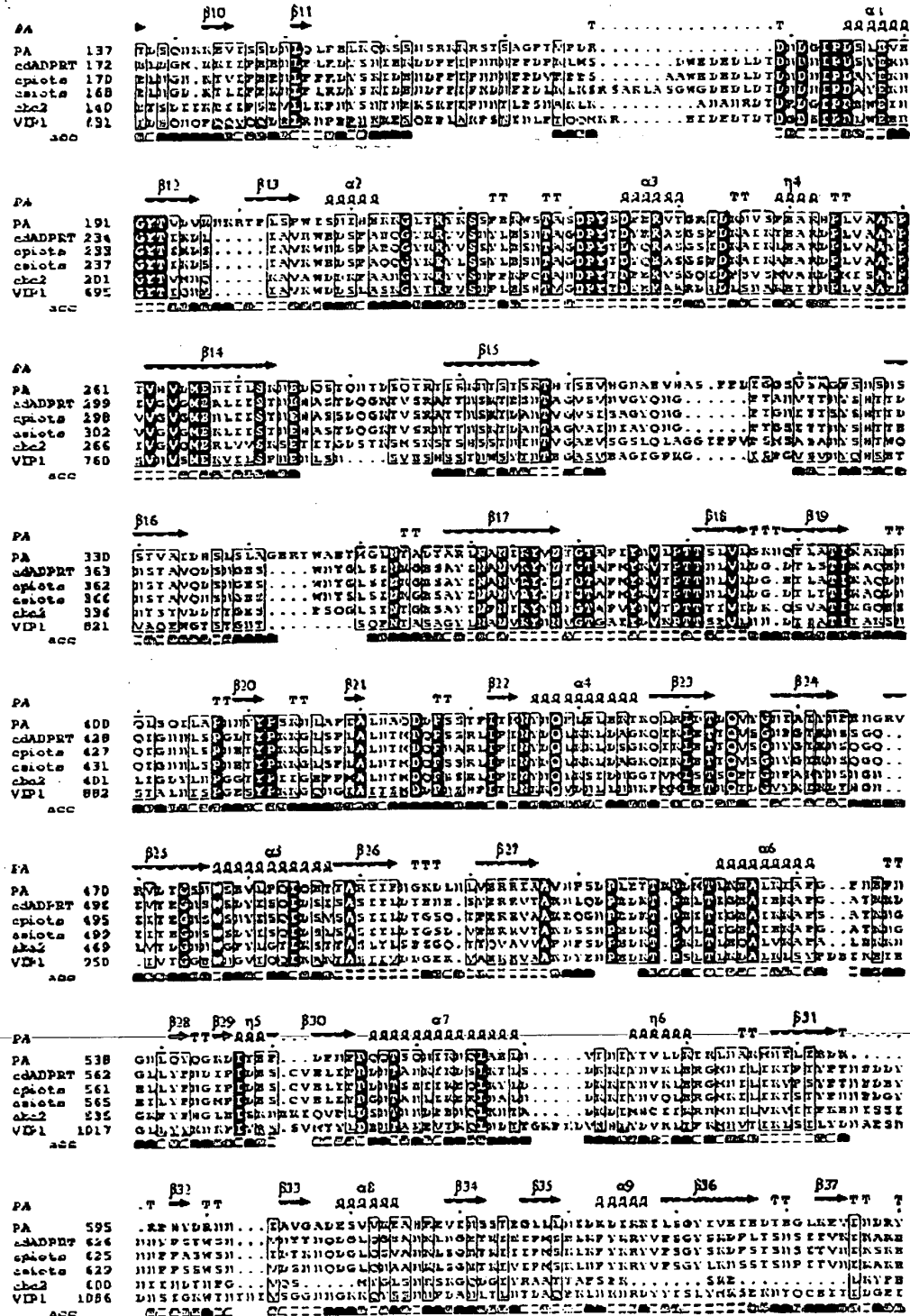
FIG. 14

Figure 14: SEQ ID No.: 22

GAAGTTAAACAGGAGAACCGGTTATTAAATGAATCAGAATCAAGTTCCCAGG
GGTTACTAGGATACTATTTTAGTGATT
GAATTTTCAAGCACCCATGGTGGTTACCTCTTCTACTACAGGGGATTTATCTA
TTCCTAGTTCTGAGTTAGAAAATATTC
CATCGGAAAACCAATATTTTCAATCTGCTATTTGGTCAGGATTTATCAAAGTT
AAGAAGAGTGATGAATATACATTTGCT
ACTTCCGCTGATAATCATGTAACAATGTGGGTAGATGACCAAGAAGTGATTA
ATAAAGCTTCTAATTCTAACAAAATCAG
ATTAGAAAAAGGAAGATTATATCAAATAAAAATTCAATATCAACGAGAAAAAT
CCTACTGAAAAAGGATTGGATTTCAAGT
TGTAAGTGGACCGATTCTCAAAAATAAAAAAGAAGTGATTTCTAGTGATAACTT
ACAATTGCCAGAATTA AAAACAAAATCT
TCGAACTCAAGAAAAAGCGAAGTACAAGTGCTGGACCTACGGTTCCAGACC
GTGACAATGATGGAATCCCTGATTCATT
AGAGGTAGAAGGATATACGGTTGATGTCAAAAATAAAAGAAGTTTCTTTCA
CCATGGATTTCTAATATTCATGAAAAGA
AAGGATTAACCAATATAAATCATCTCCTGAAAAATGGAGCACGGCTTCTGA
TCCGTACAGTGATTTTCGAAAAGGTTACA
GGACGGATTGATAAGAATGTATCACCAGAGGCCAAGACACCCCCCTTGTGGCAG
CTTATCCGATTGTACATGTAGATATGGA
GAATATTATTCTCTCAAAAATGAGGATCAATCCACACAGAATACTGATAGT
GAAACGAGAACAATAAGTAAAAATACTT
CTACAAGTAGGACACATACTAGTGAAGTACATGGAAATGCAGAAGTGCATGC
GTCGTTCTTTGATATTGGTGGGAGTGTA
TCTGCAGGATTTAGTAATTCGAATTCAAGTACGGTCGCAATTGATCATTCACT
ATCTCTAGCAGGGGAAAGAAGTTGGGC
TGAAACAATGGGTTTAAATACCGCTGATACAGCAAGATTAAATGCCAATATT
AGATATGTAAATACTGGGACGGCTCCAA
TCTACAACGTGTTACCAACGACTTCGTTAGTGTTAGGAAAAAATCAAACACT
CGCGACAATTAAGCTAAGGAAAACCAA
TTAAGTCAAATACTTGACCTAATAATTATTATCCTTCTAAAAACTTGGCGCC
AATCGCATTAATGCACAAGACGATT
CAGTTCTACTCCAATTACAATGAATTACAATCAATTTCTTGAGTTAGAAAAAA
CGAAACAATTAAGATTAGATACGGATC
AAGTATATGGGAATATAGCAACATACAATTTTGAAAATGGAAGAGTGAGGGT
GGATACAGGCTCGAACTGGAGTGAAGTG
TTACCGCAAATTCAAGAAACAACTGCACGTATCATTTTAAATGGAAAAGATTT
AAATCTGGTAGAAAGGCGGATAGCGGC
GGTTAATCCTAGTGATCCATTAGAAACGACTAAACCGGATATGACATTAAAA
GAAGCCCTTAAATAGCATTGATTGA
ACGAACCGAATGGAACTTACAATATCAAGGGAAAGACATAACCGAATTTG
ATTTTAATTTTCGATCAACAAACATCTCAA
AATATCAAGAATCAGTTAGCGGAATTAACGCAACTAACATATATACTGTAT
TAGATAAAATCAAATTAATGCAAAAAT

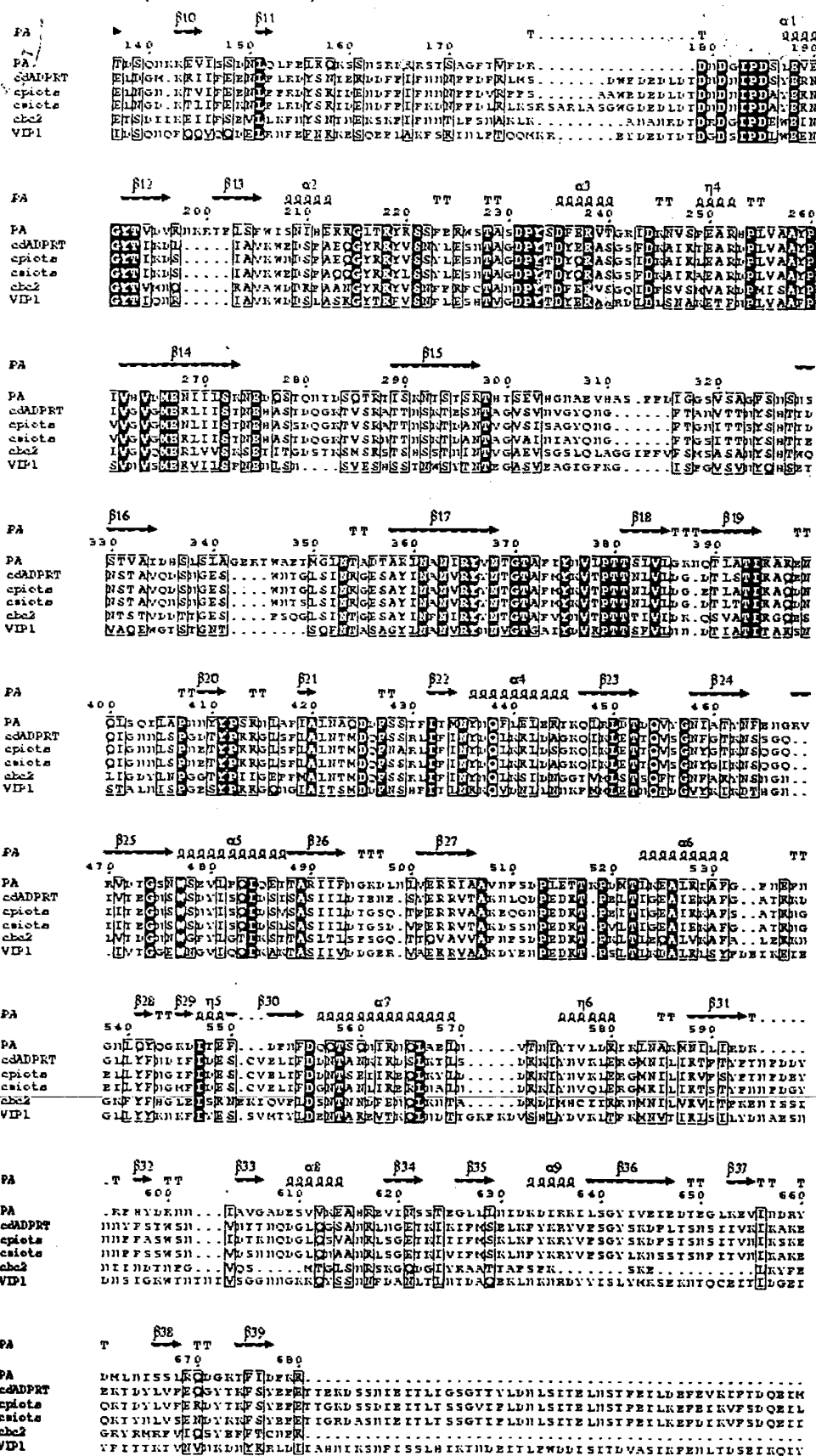
GAATAATTTTAATAAGAGATAAACGTTTTTCATTATGATAGAAATAACATAGCA
GTTGGGGCGGATGAGTCAGTAGTTAAGG
AGGCTCATAGAGAAAGTAATTAAATTCGTCAACAGAGGGATTATTGTTAAATAT
TGATAAGGATATAAGAAAAATATTATCA
GGTTATATTGTAGAAATTGAAGATACTGAAGGGCTTAAAGAAAGTTATAAATG
ACAGATATGATATGTTGAAATATTTCTAG
TTTACGGCAAGATGGAATAAACATTTATAGATTTTAAAAAATATAATGATAAA
TTACCGTTATATATAAGTAATCCCAATT
ATAAGGTAATGTATATGCTGTTACTAAAGAAACACTATTATTAACTCTAGT
GAGAAATGGGGATACTAGTACCAACGGG
ATCAAGAAAAATTTTAAATCTTTTCTAAAAAAGGCTATGAGATAGGATAA

FIG. 15



[illegible]

FIG. 16 (CONTINUED) 21/22



[illegible]

FA $\beta 40$ $\eta 7$
 690 TT ----- 700 QAA 710 TT 720
 PAYNDKLFLLYISIFNYKRVN.....VVAVIKEDITITFSENGUITSING.
 cADPPT DANKIIFADLLINPSFGHTIYINGHYFAFTQTHKEALDYIQKYRVEATLQYSGFRIGIGDKKEKNYLGDF
 cpiots DANKIYFADIKLIDMTGHTIYIDGIYFEFTQTHKEALDYIQKYRVEATLQYSGFRIGIGDKKEKNYLGDF
 cpiots DANKIYFADLSPNQSTANYYLDGLYFEFTQTHKEALDYIQKYRVEATLQYSGFRIGIGDKKEKNYLGDF
 abc2LNNLLLYSSSPDKGYLDEFFY.....FYVNGSRSPFIISCDIENSJIK.
 VIP1 SRYGIKLELDGILIDKGGIHYGEFINAEASPIEFLOHYVINKYVWYSSSELGFMSTLESDKIKYKDGITIK

FA $\beta 41$ $\alpha 10$
 730 ----- QAAA
 PAIKKILTFSSKGYEFG
 cADPPT HQFKNIYVHLRSYFTGGENIMYKKLLNAITFDKELLVLVLD
 cpiots HQFKNIYINFESEYTSIGENIMYKKLLNAITFDKELLVLVLD
 cpiots HQFKNIYVHLRSYFTSGENIMYKKLLNAITFDKELLVLVLD
 abc2LSGVFIEELDKLL
 VIP1 FDFIKYSKHEQGLVDSGLWDFEKINAITDGRKMHVNEHYNK.